



Mouse anti-Human ARHGAP1 polyclonal antibody (DPAB-DC1826)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of a large family of proteins that activate Rho-type guanosine triphosphate (GTP) metabolizing enzymes. The encoded protein contains a SRC homology 3 domain and interacts with Bcl-2-associated protein family members.
Immunogen	ARHGAP1 (AAH18118, 340 a.a. ~ 439 a.a) partial recombinant protein with GST tag. The sequence is GFLNIDESQRVPATLQVLQTLPEENYQVLRFLTAFLVQISAHSDQNKMNTNTNLAVVFGPN LLWAKDAITLKAINPINTFTKFLLDHQGELFPSPDPSGL
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Cell lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	ARHGAP1 Rho GTPase activating protein 1 [Homo sapiens (human)]
------------------	----------------------------------------------------------------------------------

Official Symbol	ARHGAP1
Synonyms	ARHGAP1; Rho GTPase activating protein 1; RHOGAP; RHOGAP1; CDC42GAP; p50rhoGAP; rho GTPase-activating protein 1; CDC42 GTPase-activating protein; GTPase-activating protein rhoGAP; GTPase-activating protein rhoOGAP; GTPase-activating protein, Rho, 1; rho-type GTPase-activating protein 1; rho-related small GTPase protein activator;
Entrez Gene ID	392
Protein Refseq	NP_004299
UniProt ID	Q07960
Chromosome Location	11p11.2
Pathway	Regulation of CDC42 activity; Rho GTPase cycle; Signaling by Rho GTPases;
Function	Rac GTPase activator activity; Rho GTPase activator activity; SH3 domain binding; SH3/SH2 adaptor activity
